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NEWS	3	Feb 1	Addition of Machine-Translated Abstracts to CAplus
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NEWS	6	Feb 16	BIOTECHNOBASE NOW ON STN
NEWS	7	Feb 22	New Database Producer Clusters Now Available on STN
NEWS	8	Feb 28	Structure Search Limits Increased in REGISTRY, ZREGISTRY, and CASREACT
NEWS	9	Feb 28	Patent Information Now Searchable in CAOLD
NEWS	10	Mar 1	New IMSDIRECTORY Provides Pharma Company Details
NEWS	11	Mar 20	INPADOC: PRODUCER WARNING ABOUT DATA DELAYS
NEWS	12	Mar 22	NEW FEATURES IN INPADOC - RANGE SEARCHING AND NEW SDI/UPDATE SEARCH FIELD

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FILE 'HOME' ENTERED AT 16:52:47 ON 30 MAR 2000

=> file biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'BIOSIS' ENTERED AT 16:53:26 ON 30 MAR 2000

FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO [redacted]TE.

RECORDS LAST ADDED: 29 March 2000 (20000329/ED)

The BIOSIS file has been reloaded. Enter HELP RLOAD and HELP REINDEXING
for details.

=> e reed,b/au

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E1            1     REED WILLILAM A/AU
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E3            0 --> REED,B/AU
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E5            1     REEDE D H/AU
E6           22     REEDE D L/AU
E7            1     REEDE DEBORAH/AU
E8            1     REEDE DEBORAH L/AU
E9            1     REEDE DEKKER T/AU
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E11           1     REEDE J Y/AU
E12           1     REEDE JOAN/AU
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=> e reed, berenice/au

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E6           22     REEDE D L/AU
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E11           1     REEDE J Y/AU
E12           1     REEDE JOAN/AU
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=> e gitomer, b/au

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E5            1     GITON FRANK/AU
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E8            2     GITONGA J/AU
E9            2     GITONGA J N/AU
E10           1     GITONGA K T K/AU
E11           1     GITONGA L M/AU
E12           1     GITONGA N M/AU
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=> s e2

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L1            9 "GITOMER WILLIAM L"/AU
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=> d l1 tot

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L1   ANSWER 1 OF 9  BIOSIS  COPYRIGHT 2000 BIOSIS
AN   2000:100698  BIOSIS
DN   PREV200000100698
```

TI A comparison of fluoride bioavailability from a sustained-release NaF preparation (Neosten) and other fluoride preparations.
AU **Gitomer, Willia[redacted]. (1)**; Sakhaee, Khashayar; Pak[redacted]harles Y. C.
CS (1) Center for Mineral Metabolism and Clinical Research, University of Texas Southwestern Medical Center, 5323 Harry Hines Boulevard, Dallas, TX, 75235-8885 USA
SO Journal of Clinical Pharmacology, (Feb., 2000) Vol. 40, No. 2, pp. 138-141.
ISSN: 0091-2700.
DT Article
LA English
SL English

L1 ANSWER 2 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS
AN 2000:18853 BIOSIS
DN PREV200000018853
TI Mapping a gene defect in absorptive hypercalciuria to chromosome 1q23.3-q24.
AU Reed, Berenice Y. (1); Heller, Howard J.; **Gitomer, William L.**; Pak, Charles Y. C.
CS (1) Center for Mineral Metabolism and Clinical Research, University of Texas Southwestern Medical Center, 5323 Harry Hines Boulevard, Dallas, TX, 75235-8885 USA
SO Journal of Clinical Endocrinology & Metabolism, (Nov., 1999) Vol. 84, No. 11, pp. 3907-3913.
ISSN: 0021-972X.
DT Article
LA English
SL English

L1 ANSWER 3 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS
AN 1998:496200 BIOSIS
DN PREV199800496200
TI Mutations in the genomic deoxyribonucleic acid for SLC3A1 in patients with cystinuria.
AU **Gitomer, William L. (1)**; Reed, Berenice Y.; Ruml, Lisa A.; Sakhaee, Khashayar; Pak, Charles Y. C.
CS (1) Cent. Mineral Metabolism Clinical Res., 8885 Univ. Texas Southwestern Med. Center, 5323 Harry Hines Blvd., Dallas, TX 75235-8885 USA
SO Journal of Clinical Endocrinology & Metabolism, (Oct., 1998) Vol. 83, No. 10, pp. 3688-3694.
ISSN: 0021-972X.
DT Article
LA English

L1 ANSWER 4 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS
AN 1998:93301 BIOSIS
DN PREV199800093301
TI 335-base deletion in the mRNA coding for a dibasic amino acid transporter-like protein (SLC3A1) isolated from a patient with cystinuria.
AU **Gitomer, William L. (1)**; Reed, Berenice Y.; Ruml, Lisa A.; Pak, Charles Y. C.
CS (1) Cent. Gen. Mineral Metablism Clin. Res., Univ. Texas Southwestern Med. Cent. at Dallas, Dallas, TX 75235-8885 USA
SO Human Mutation, (1998) Vol. 0, No. SUPPL. 1, pp. S69-S71.
ISSN: 1059-7794.
DT Article
LA English

L1 ANSWER 5 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS
AN 1997:29523 BIOSIS
DN PREV19979932872
TI Recent advances in the biochemical and molecular biological basis of cystinuria.
AU **Gitomer, William L.**; Pak, Charles Y. C.
CS Cent. Gen. Mineral Metabolism Clin. Res., Univ. Texas Southwestern Med. Cent. Dallas, Dallas, TX USA
SO Journal of Urology, (1996) Vol. 156, No. 6, pp. 1907-1912.
ISSN: 0022-5347.
DT Journal; Article
LA English

L1 ANSWER 6 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS
AN 1995:479410 BIOSIS
DN PREV199598493710
TI In vivo effects of lipopolysaccharide on hepatic free-NAD(P)+-linked redox
states and cytosolic phosphorylation potential in 48-hour-fasted rats.
AU **Gitomer, William L.**; Miller, Bonnie C.; Cottam, G. Larry (1)
CS (1) Dep. Biochem., Univ. Tex. Southwestern Med. Cent., 5323 Harry Hines Blvd., Dallas, TX 75235-9038 USA
SO Metabolism Clinical and Experimental, (1995) Vol. 44, No. 9, pp. 1170-1174.
ISSN: 0026-0495.
DT Article
LA English

L1 ANSWER 7 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS
AN 1995:286547 BIOSIS
DN PREV199598300847
TI The in vivo effects of lipopolysaccharide on hepatic free NAD(P)+ linked redox states and cytosolic phosphorylation potential in 48 H fasted rats.
AU **Gitomer, William L.**; Miller, Bonnie C.; Cottam, G. Larry
CS Cent. Mineral Metabolism Clin. Res., Dep. Internal Med., Dallas, TX 75235-9038 USA
SO FASEB Journal, (1995) Vol. 9, No. 6, pp. A1356.
Meeting Info.: Annual Meeting of the American Society for Biochemistry and
Molecular Biology San Francisco, California, USA May 21-25, 1995
ISSN: 0892-6638.
DT Conference
LA English

L1 ANSWER 8 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS
AN 1994:554344 BIOSIS
DN PREV199598013892
TI Metabolic hyperpolarization of liver by ethanol: The importance of Mg-2+ and H+ in determining impermeant intracellular anionic charge and energy of metabolic reactions.
AU Veech, Richard L. (1); Gates, Denise N.; Crutchfield, Calvin; **Gitomer, William L.**; Kashiwaya, Yoshihiro; King, M. Todd; Wondergem, Robert
CS (1) Lab. Metabolism Mol. Biol., Natl. Inst. Alcohol Abuse Alcoholism, 12501 Washington Ave., Rockville, MD 20852-1823 USA
SO Alcoholism Clinical and Experimental Research, (1994) Vol. 18, No. 5, pp. 1040-1056.
ISSN: 0145-6008.
DT Article
LA English

L1 ANSWER 9 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS
AN 1993:137969 BIOSIS

DN PREV199395070769
TI Determination of chloride potential in perfused rat hearts by nuclear magnetic resonance spectroscopy.
AU Ramasamy, Ravichandran (1); Zhao, Piyu; **Gitomer, William L.**; Sherry, A. Dean; Malloy, Craig R.
CS (1) Dep. Chem., Univ. Texas at Dallas, PO Box 850688, Richardson, Texas 75080
SO American Journal of Physiology, (1992) Vol. 263, No. 6 PART 2, pp. H1958-H1962.
ISSN: 0002-9513.
DT Article
LA English

=> e pak, charles/au

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E3            0 --> PAK, CHARLES/AU
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E11           1      PAKAIN D A/AU
E12           1      PAKAINIS V A/AU
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=> e heller, h/au

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E10          10      HELLERER O/AU
E11           1      HELLERER U/AU
E12           1      HELLERES GORAN/AU
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NEWS	10	Mar 1	New IMSDIRECTORY Provides Pharma Company Details
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NEWS	12	Mar 22	NEW FEATURES IN INPADOC - RANGE SEARCHING AND NEW SDI/UPDATE SEARCH FIELD

NEWS EXPRESS	FREE UPGRADE 5.0C NOW AVAILABLE
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
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FILE 'HOME' ENTERED AT 17:05:33 ON 30 MAR 2000

=> file biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'BIOSIS' ENTERED AT 17:06:02 ON 30 MAR 2000
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CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 29 March 2000 (20000329/ED)

The BIOSIS file has been reloaded. Enter HELP RLOAD and HELP REINDEXING for details.

=> e gitomer, w/au

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E1          16     GITOMER W L/AU
E2           9     GITOMER WILLIAM L/AU
E3           0 --> GITOMER, W/AU
E4           1     GITOMIRSKY ALEXIS/AU
E5           1     GITON FRANK/AU
E6           1     GITONA M/AU
E7           1     GITONGA E/AU
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E9           2     GITONGA J N/AU
E10          1     GITONGA K T K/AU
E11          1     GITONGA L M/AU
E12          1     GITONGA N M/AU
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=> s e2

L1 9 "GITOMER WILLIAM L"/AU

=> d l1 ti abs ibib tot

L1 ANSWER 1 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS

TI A comparison of fluoride bioavailability from a sustained-release NaF preparation (Neosten) and other fluoride preparations.

AB Twelve normal subjects completed a crossover study with sustained-release sodium fluoride (Neosten, 11.3 mg F), monofluorophosphate (MFP, 10 mg F), and plain sodium fluoride (P-NaF, 11.3 mg F). After each preparation was given with 400 mg calcium, serum fluoride (Fser) was measured for 24 hours, and pharmacokinetic data were calculated. Fluoride absorption in the Neosten group, as measured by change in the area under the curve (DELTAAUC) of Fser, was less than 33% of that in the MFP and P-NaF treated groups. Both peak Fser (Cmax) and peak-basal variation in the Neosten group were 25% that found in the other groups. t1/2 was nearly twofold greater after Neosten. MFP and P-NaF showed greater bioavailability than Neosten and much higher Cmax that exceeded the toxic threshold of Fser (190 ng/ml). These findings could explain the ineffectiveness of MFP and P-NaF observed in recent clinical trials.

ACCESSION NUMBER: 2000:100698 BIOSIS
DOCUMENT NUMBER: PREV200000100698
TITLE: A comparison of fluoride bioavailability from a sustained-release NaF preparation (Neosten) and other fluoride preparations.
AUTHOR(S): **Gitomer, William L. (1)**; Sakhaee, Khashayar; Pak, Charles Y. C.
CORPORATE SOURCE: (1) Center for Mineral Metabolism and Clinical Research, University of Texas Southwestern Medical Center, 5323 Harry Hines Boulevard, Dallas, TX, 75235-8885 USA
SOURCE: Journal of Clinical Pharmacology, (Feb., 2000) Vol. 40, No. 2, pp. 138-141.
ISSN: 0091-2700.
DOCUMENT TYPE: Article

LANGUAGE: English
SUMMARY LANGUAGE: English

L1 ANSWER 2 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS
TI Mapping a gene defect in absorptive hypercalciuria to chromosome 1q23.3-q24.
AB Absorptive hypercalciuria (AH), a common cause of kidney stones, is due to intestinal hyperabsorption of calcium. The presence of a family history of nephrolithiasis, in about half of the affected individuals studied indicates that an inherited genetic defect is one likely cause of AH. Although it is known that intestinal calcium absorption is regulated by a number of factors, the molecular biological basis for the increased calcium absorption in AH is unknown. This study was designed to determine the chromosomal locus of the gene defect linked to the AH phenotype in three families with a severe form of AH. Three kindreds were evaluated in a systematic autosomal genome-wide linkage analysis study. The AH phenotype, characterized by hyperabsorption of calcium and hypercalciuria, was linked to only one chromosomal locus, 1q23.3-q24. A 2-point logarithm of odds score of 3.3 was obtained with markers D1S318 and D1S196 at a recombination frequency of theta = 0. Nonparametric multipoint linkage analysis yielded a peak nonparametric linkage Zall-score of 12.7, P = 6 X 10-6. Analysis of key recombinants within the families studied localized the gene to a 4.3-megabase region between markers D1S2681 (centromere) and D1S2815. A trait associated with intestinal hyperabsorption of calcium in a severe form of absorptive hypercalciuria has been mapped to chromosome 1q23.3-q24.
ACCESSION NUMBER: 2000:18853 BIOSIS
DOCUMENT NUMBER: PREV200000018853
TITLE: Mapping a gene defect in absorptive hypercalciuria to chromosome 1q23.3-q24.
AUTHOR(S): Reed, Berenice Y. (1); Heller, Howard J.; **Gitomer, William L.**; Pak, Charles Y. C.
CORPORATE SOURCE: (1) Center for Mineral Metabolism and Clinical Research, University of Texas Southwestern Medical Center, 5323 Harry Hines Boulevard, Dallas, TX, 75235-8885 USA
SOURCE: Journal of Clinical Endocrinology & Metabolism, (Nov., 1999) Vol. 84, No. 11, pp. 3907-3913. ISSN: 0021-972X.
DOCUMENT TYPE: Article
LANGUAGE: English
SUMMARY LANGUAGE: English

L1 ANSWER 3 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS
TI Mutations in the genomic deoxyribonucleic acid for SLC3A1 in patients with cystinuria.
AB Cystinuria is an inherited transport disorder characterized by defective renal resorption of cystine and other dibasic amino acids. We have studied the occurrence of mutations in the SLC3A1 gene, which codes for a dibasic amino acid transporter-like protein, in 33 unrelated cystinurics. We found mutations in 34 of the 66 chromosomes studied. There were 14 different mutations in our study population, 8 of which had not been previously described. Of these new mutations, 4 were missense mutations: G1934C, C1259G, T1607G, and G1373A. The other 4 mutations consisted of a single base insertion mutation (2022 ins T), a single base deletion mutation (163 del C), a 23-base deletion mutation (del 782A-804A), and a complex

mutation that consisted of a 36-base deletion (del C431-3 to T463) and a duplication insertion of 468 T to 474 A after nucleotide 474.

ACCESSION NUMBER: 1998:496200 BIOSIS
DOCUMENT NUMBER: PREV199800496200
TITLE: Mutations in the genomic deoxyribonucleic acid for SLC3A1 in patients with cystinuria.
AUTHOR(S): **Gitomer, William L. (1)**; Reed, Berenice Y.; Ruml, Lisa A.; Sakhaee, Khashayar; Pak, Charles Y. C.
CORPORATE SOURCE: (1) Cent. Mineral Metabolism Clinical Res., 8885 Univ. Texas Southwestern Med. Center, 5323 Harry Hines Blvd., Dallas, TX 75235-8885 USA
SOURCE: Journal of Clinical Endocrinology & Metabolism, (Oct., 1998) Vol. 83, No. 10, pp. 3688-3694.
ISSN: 0021-972X.
DOCUMENT TYPE: Article
LANGUAGE: English

L1 ANSWER 4 OF 9 BIOSIS COPYRIGHT 2000 BIOSIS
TI 335-base deletion in the mRNA coding for a dibasic amino acid transporter-like protein (SLC3A1) isolated from a patient with cystinuria.
ACCESSION NUMBER: 1998:93301 BIOSIS
DOCUMENT NUMBER: PREV199800093301
TITLE: 335-base deletion in the mRNA coding for a dibasic amino acid transporter-like protein (SLC3A1) isolated from a